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PCT/US92/04354 (5/22/1992).

Thanks,

Alana M. Harris, Ph.D.
Biotech. Patent Examiner
Art Unit 1642
CM-1/ 8A17
(703) 306-5880

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☐ 1. Document ID: WO 9220356 A1, AU 9221583 A, ZA 9203759 A, PT 100515 A, NZ 242875 A, FI 9305174 A, NO 9304130 A, EP 595838 A1, US 5342774 A, JP 06511144 W, AU 664560 B, EP 595838 A4, CA 2109727 C, CA 2307317 A1, KR 261856 B1

L1: Entry 1 of 1

File: DWPI

Nov 26, 1992

DERWENT-ACC-NO: 1992-415460

DERWENT-WEEK: 200169

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TITLE: Nucleic acid mol. encoding a human tumour rejection antigen precursor - useful as an immunostimulant in a vaccine for treating and preventing cancers, also useful in diagnosis

INVENTOR: BOON, T; CHOMEZ, P ; DE PLAEN, E ; LURQUIN, C ; TRAVERSARI, C ; VAN DEN EYNDE, B ; VAN DER BRUGEN, P ; VAN PEL, A ; VAN DER BRUGGEN, P

PATENT-ASSIGNEE:

ASSIGNEE

CODE

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PRIORITY-DATA: 1991US-0807043 (December 12, 1991), 1991US-0705702 (May 23, 1991), 1991US-0728838 (July 9, 1991), 1991US-0764364 (September 23, 1991), 1991US-0764365 (September 23, 1991)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>WO 9220356 A1</u>	November 26, 1992	E	144	A61K035/14
AU 9221583 A	December 30, 1992		000	
ZA 9203759 A	April 28, 1993		134	A61K000/00
PT 100515 A	August 31, 1993		000	C12N015/00
NZ 242875 A	September 27, 1993		000	C07K015/00
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NO 9304130 A	November 23, 1993		000	C07K013/00
EP 595838 A1	May 11, 1994	E	000	A61K035/14
US 5342774 A	August 30, 1994		065	C12P021/02
JP 06511144 W	December 15, 1994		000	C12N015/12
AU 664560 B	November 23, 1995		000	C12N015/12
EP 595838 A4	October 25, 1995		000	
CA 2109727 C	July 25, 2000	E	000	C12N015/12
CA 2307317 A1	November 26, 1992	E	000	C07K014/705
KR 261856 B1	July 15, 2000		000	C12N015/12

DESIGNATED-STATES: AU BB BG BR CA CS FI HU JP KP KR LK MG MW NO PL RO RU SD US AT BE CH DE DK ES FR GB GR IT LU MC NL OA SE AT BE CH DE DK ES FR GB GR IT LI LU MC NL SE

CITED-DOCUMENTS:10Jnl.Ref; 5.Jnl.Ref ; GB 2186885 ; WO 9009197 ; WO 9105037

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
WO 9220356A1	May 22, 1992	1992WO-US04354	
AU 9221583A	May 22, 1992	1992AU-0021583	
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AU 9221583A		WO 9220356	Based on
ZA 9203759A	May 22, 1992	1992ZA-0003759	
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NO 9304130A	November 16, 1993	1993NO-0004130	
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US 5342774A	May 23, 1991	1991US-0705702	CIP of
US 5342774A	July 9, 1991	1991US-0728838	CIP of
US 5342774A	September 23, 1991	1991US-0764364	CIP of
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JP 06511144W	May 22, 1992	1992WO-US04354	
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AU 664560B	May 22, 1992	1992AU-0021583	
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EP 595838A4		1992EP-0913925	
CA 2109727C	May 22, 1992	1992CA-2109727	
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CA 2109727C		WO 9220356	Based on
CA 2307317A1	May 22, 1992	1992CA-2109727	Div ex
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KR 261856B1	May 22, 1992	1992WO-US04354	
KR 261856B1	November 23, 1993	1993KR-0703572	

INT-CL (IPC): A61K 0/00; A61K 9/127; A61K 31/70; A61K 35/12; A61K 35/14; A61K 35/18; A61K 37/02; A61K 37/22; A61K 39/00; A61K 39/02; A61K 39/12; A61K 39/395; A61K 45/05; A61K 47/48; C07H 15/12; C07H 21/00; C07K 3/00; C07K 7/06; C07K 13/00; C07K 14/705; C07K 15/00; C07K 15/12; C07K 17/00; C12N 1/00; C12N 1/16; C12N 1/18; C12N 1/20; C12N 1/21; C12N 5/00; C12N 5/10; C12N 7/00; C12N 7/01; C12N 15/00; C12N 15/12; C12P 19/34; C12P 21/02; C12P 21/08; C12Q 1/00; C12Q 1/02; C12Q 1/68; G01N 33/574; G01N 33/577

RELATED-ACC-NO: 1994-100844; 1994-333192; 1995-283606; 1995-320586; 1996-402317; 1999-418294

ABSTRACTED-PUB-NO: US 5342774A
BASIC-ABSTRACT:

Isolated nucleic acid (NA) molecule encodes a tumour rejection antigen precursor (I), or is complementary to a NA encoding (I). Also claimed are, e.g., (1) biologically pure cell line culture transfected with the NA; (2) biologically pure culture of a highly transfectable cell line deriv. from a parent cell line expressing at least 1 P815 tumour antigen, where the cell line does not express any of P815 antigens A, B and C; (3) mutated virus contg. the NA; (4) expression vector comprising the NA operably linked to a promoter; (5) expression system to transfect a cell comprising: (a) a 1st. vector contg. the NA encoding (I), (b) a 2nd. vector

from a vector contg. a NA encoding an MHC or HLA molecule which presents a tumour rejection abtigen deriv. from (I), and a vector contg. a NA sequence encoding an interleukin. The NA has a 2418 base sequence given in the specification.

USE - The NA, polypeptides and methods are used in oncolog
ABSTRACTED-PUB-NO:

WO 9220356A
EQUIVALENT-ABSTRACTS:

Isolated nucleic acid mol. having characteristic nucleotide sequence, codes for the MAGE tumour rejection antigen precursor.

Pref. nucleic acid is cDNA contg. nucleotides 3881-4711 of the sequence. Expression vector includes the nucleic acid and is operably linked to an inducible promoter.

USE - Used to dispense or monitor cancerous conditions by monitoring cytolytic T cell (CTL) in a sample.

CHOSEN-DRAWING: Dwg.0/25 Dwg.0/13

TITLE-TERMS: NUCLEIC ACID MOLECULAR ENCODE HUMAN TUMOUR REJECT ANTIGEN PRECURSOR
USEFUL IMMUNOSTIMULANT VACCINE TREAT PREVENT CANCER USEFUL DIAGNOSE

DERWENT-CLASS: B04 D16

CPI-CODES: B02-V02; B04-B02B1; B04-B02B4; B04-B04A1; B04-B04A3; B04-B04C2;
B04-B04C6; B12-G07; B12-K04A1; D05-C12; D05-H07; D05-H08; D05-H11; D05-H12;

CHEMICAL-CODES:

Chemical Indexing M1 *01*

Fragmentation Code

M421 M423 M710 M903 P633 P831 Q233 V500 V540 V560

V600 V611 V754 V791

Registry Numbers

92407

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1992-184347

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC
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